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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/052,590	01/18/2002	Raymond C. Bontempi	10622-20US	2984

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2005 MARKET STREET, SUITE 2200
PHILADELPHIA, PA 19103

EXAMINER

POKRZYWA, JOSEPH R

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 08/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/052,590	Applicant(s) BONTEMPI, RAYMOND C.	
	Examiner Joseph R. Pokrzywa	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Drawings

1. The drawings received on 1/18/02 are acceptable by the examiner.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-3, and 5-12** are rejected under 35 U.S.C. 102(e) as being anticipated by Lin *et al.* (U.S. Patent Number 6,757,070).

Regarding *claim 1*, Lin discloses a method for printing application data comprising the steps of forming a connection between a client and a printer driver server (see Fig. 1, column 3, line 31-column 4, line 17), transmitting the application data from the client to the printer driver server (column 3, line 53-column 4, line 17), transcoding a format of the application data received in the printer driver server to a printer format (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18), transmitting the transcoded application data in the printer format from the printer driver server to a printer (column 5, lines 2-18) , and printing the data (column 5, lines 10-18).

Regarding **claim 2**, Lin discloses the method discussed above in claim 1, and further teaches of transmitting a printer identifier from the client to the server (see Fig. 6, column 5, lines 49-60), wherein the printer identifier identifies the type of printer on which the application data is to be printed (column 5, lines 49-60).

Regarding **claim 3**, Lin discloses the method discussed above in claim 2, and further teaches of retrieving a printer driver from a database, the retrieved printer driver being based on the printer identifier (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18).

Regarding **claim 5**, Lin discloses the method discussed above in claim 1, and further teaches of transmitting an address of the printer from the client to the server (see Fig. 6, column 5, lines 49-60), wherein the application data in the printer format is transmitted directly to the printer using the address of the printer (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18).

Regarding **claim 6**, Lin discloses a system for printing application data comprising a client originating the application data (clients 20-1, 20-2, ...20-m), and a printer driver server remotely connected to the client (printer server 12, see Fig. 1, column 3, lines 31-41), which receives the application data (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18), the printer driver server including a database containing a plurality of printer drivers (column 3, line 53-column 4, line 17) and a transcoder configured to convert a format of the received application data to a printer format using one of the plurality of printer drivers retrieved from the database (server ripping module 14, column 3, line 53-column 4, line 17, and column 5,

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lines 2-18), and transmit the application data in the printer format to a printer (column 4, line 54-column 5, line 18).

Regarding *claim 7*, Lin discloses the system discussed above in claim 6, and further teaches that the printer receives the application data in the printer format via the client (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18).

Regarding *claim 8*, Lin discloses the system discussed above in claim 6, and further teaches that the printer receives the application data in the printer format directly from the printer server (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18).

Regarding *claim 9*, Lin discloses a printer driver server (printer server 12) remotely connected to a client (clients 20-1, 20-2, ...20-m, see Fig. 1, column 3, lines 31-41) comprising a database containing a plurality of printer drivers (column 3, line 53-column 4, line 17), and a transcoder (server ripping module 14, column 3, line 53-column 4, line 17, and column 5, lines 2-18), wherein the transcoder is configured to convert a format of application data received from the client to a printer format using a selected one of the plurality of printer drivers retrieved from the database (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 18).

Regarding *claim 10*, Lin discloses the server discussed above in claim 9, and further teaches that the printer driver server selects the printer driver based on a command received from the client (see Fig. 6, column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 65).

Regarding *claim 11*, Lin discloses the server discussed above in claim 10, and further teaches that the command includes an identification of the printer (see Fig. 6, column 5, lines 49-60).

Regarding **claim 12**, Lin discloses the server discussed above in claim 10, and further teaches that the command includes an address of the printer (see Fig. 6, column 5, lines 49-60) and the printer driver server determines an identification of the printer based on the address of the printer and information in the printer driver server database relating the address of the printer to the identification of the printer (column 3, line 53-column 4, line 17, and column 4, line 54-column 5, line 65).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claim 4** is rejected under 35 U.S.C. 103(a) as being unpatentable over Lin *et al.* (U.S. Patent Number 6,757,070).

Regarding **claim 4**, Lin discloses the method discussed above in claim 1, but fails to expressly disclose if the application data in the printer format is transmitted to the client for subsequent printing on the printer, as the printers shown in Fig. 1 are all attached to the printer server through the network. However, Lin teaches that printing to a local printer, being a printer that is connected to the client, is similar to the client server printing, whereby the client selects a printer, and a driver subsequently converts the file into a print format, which is then transmitted to a printer (as read in column 1, lines 11-60). Because of the above noted similarity, it would have been obvious to one of ordinary skill in the art to include a local printer driver as one of the

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drivers stored in the server, in which case the application data in the printer format is transmitted back to the client for subsequent printing on the local printer.

Therefore, it would have been obvious to one of ordinary skill in this art to modify Lin to obtain the invention as specified in claim 4.

Citation of Pertinent Prior Art

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Simpson (U.S. Patent Number 6,606,162) discloses a system having network printer groups and corresponding print servers;

Abe (U.S. Patent Number 6,892,299) discloses a printer driver downloading system; and

Ichikawa *et al.* (U.S. Patent Number 6,914,694) discloses a web printing system.

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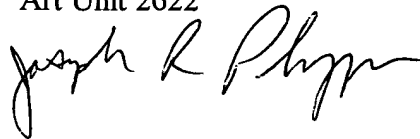
Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (571) 272-7410. The examiner can normally be reached on Monday-Friday, 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Joseph R. Pokrzywa
Primary Examiner
Art Unit 2622



jrp